

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A device for recording data and data structures on a write-once storage medium, the data structures comprising space bit map and defect management structures, the device comprising

writing means for recording the data and the data structures;

controlling means for generating the data structures and controlling the writing means; during

wherein as the data is recorded, the controlling means are adapted to control the writing means to record the data structures on the write-once storage medium at a predefined temporary location in a reserved area on the write-once storage medium and after the data structures are recorded in the temporary location, then the controlling means are adapted to control the writing means to finalize the write-once storage medium by recording the data structures on the write-once storage medium at a predefined fixed location on the write-once storage medium, wherein the predefined fixed location is a location on the write-once storage medium that corresponds to a location that is predefined for a rewritable storage medium, wherein the predefined fixed location is a different location on the write-once storage medium than the predefined temporary location, and wherein the space bit map indicates written and free areas of the write-once storage medium, the defect management structures indicating the locations of rewritten data for respective track defects of the write-once storage medium.

2. (Previously presented) The device as claimed in claim 1, wherein the controlling means are adapted to control the writing means to finalize the write-once storage medium by recording dummy data on the write-once storage medium in all free parts of the reserved area.

3. (Previously presented) The device as claimed in claim 1, wherein the controlling means are adapted to read the data structures from the predefined temporary location and to control the writing means to record the data structures on the write-once storage medium at the predefined fixed location.

4. (Currently amended) A method of recording data and data structures on a write-once storage medium, the data structures comprising space bit map and defect management structures, the method comprising acts of:

recording the data on the write-once storage medium;

as the data is recorded, recording the data structures on the write-once storage medium at a predefined temporary location in a reserved area on the write-once storage medium, and wherein the space bit map indicates written and free areas of the write-once storage medium, the defect management structures indicating the locations of rewritten data for respective track defects of the write-once storage medium;

after the data structures are recorded in the temporary location, then finalizing the write-once storage medium by recording the data structures on the write-once storage medium at a predefined fixed location on the write-once storage medium, wherein the predefined fixed location is a location on the write-once storage medium that corresponds to a location that is predefined for a rewritable storage medium, wherein the predefined fixed location is a different location on the write-once storage medium than the predefined temporary location.

5. (Previously presented) The method as claimed in claim 4, comprising an act of

recording dummy data on the write-once storage medium in all free parts of the reserved area.

6. (Previously presented) The method as claimed in claim 4, comprising an act of

reading the data structures from the predefined temporary location on the write-once storage medium.

7. (Currently amended) A write-once storage medium that is finalized, the write-once storage medium comprising data structures including space bit map and defect management structures, wherein as the data is recorded, the data structures are recorded on the write-once storage medium at a predefined temporary location in a reserved area on the write-once storage medium and after the data structures are recorded in the temporary location, then the disc is finalized by recording the data structures ~~are recorded~~ on the write-once storage medium at a predefined fixed location on the write-once storage medium, wherein the predefined fixed location is a location on the write-once storage medium that corresponds to a location that is predefined for a rewritable storage medium, wherein the predefined fixed location is a different location on the write-once storage medium than the predefined temporary location, and wherein the space bit map indicates written and free areas of the write-once storage medium, the defect management structures indicating the locations of rewritten data for respective track defects of the write-once storage medium.

8. (Currently amended) A non-transitory medium comprising a computer program product for recording data and data structures on a write-once storage medium, the data structures comprising space bit map and defect management structures, which program when loaded into a memory of a recording device is operative to cause a processor to perform acts of:

recording the data;

as the data is recorded, recording the data structures on the write-once storage medium at a predefined temporary location in a reserved area on the write-once storage medium;

after the data structures are recorded in the temporary location, then finalizing the write-once storage medium by

recording the data structures on the write-once storage medium at a predefined fixed location on the write-once storage medium, wherein the predefined fixed location is a location on the write-once storage medium that corresponds to a location that is predefined for a rewritable storage medium, wherein the predefined fixed location is a different location on the write-once storage medium than the predefined temporary location, and wherein the space bit map indicates written and free areas of the write-once storage medium, the defect management structures indicating the locations of rewritten data for respective track defects of the write-once storage medium.

9. (Currently amended) The non-transitory medium ~~computer program product~~ as claimed in claim 8, wherein the program is operative to cause a processor to perform an act of recording dummy data on the write-once storage medium in all free parts of the reserved area.

10. (Currently amended) The non-transitory medium ~~computer program product~~ as claimed in claim 8, wherein the program is operative to cause a processor to perform an act of reading the data structures from the predefined temporary location on the write-once storage medium.